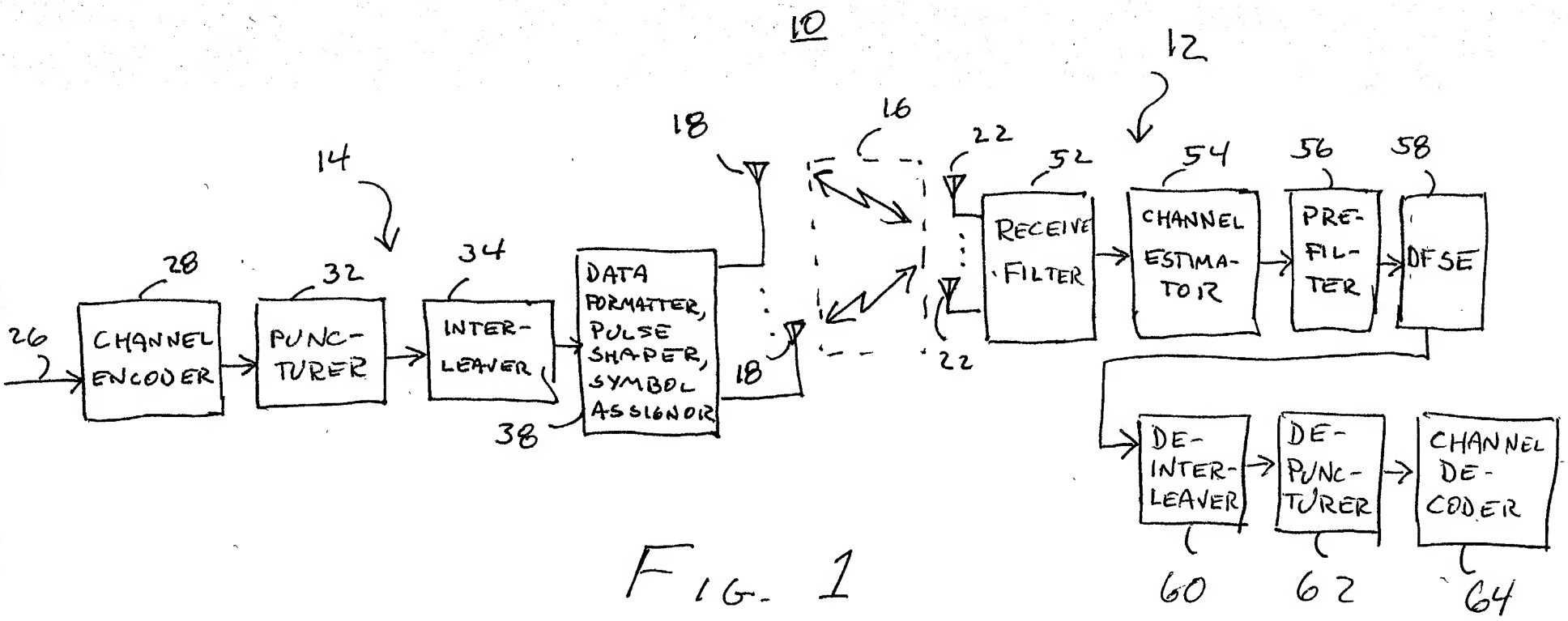
10
12
14
16
18
18
22
22
26
28
32
34
38
52
54
56
58
60
62
64
CHANNEL ENCODER
PUNC-TURER
INTER-LEAVER
DATA FORMATTER, PULSE SHAPER, SYMBOL ASSIGNOR
RECEIVE FILTER
CHANNEL ESTIMA-TOR
PRE-FIL-TER
DFSE
DE-INTER-LEAVER
DE-PUNC-TURER
CHANNEL DE-CODER

FIG. 1

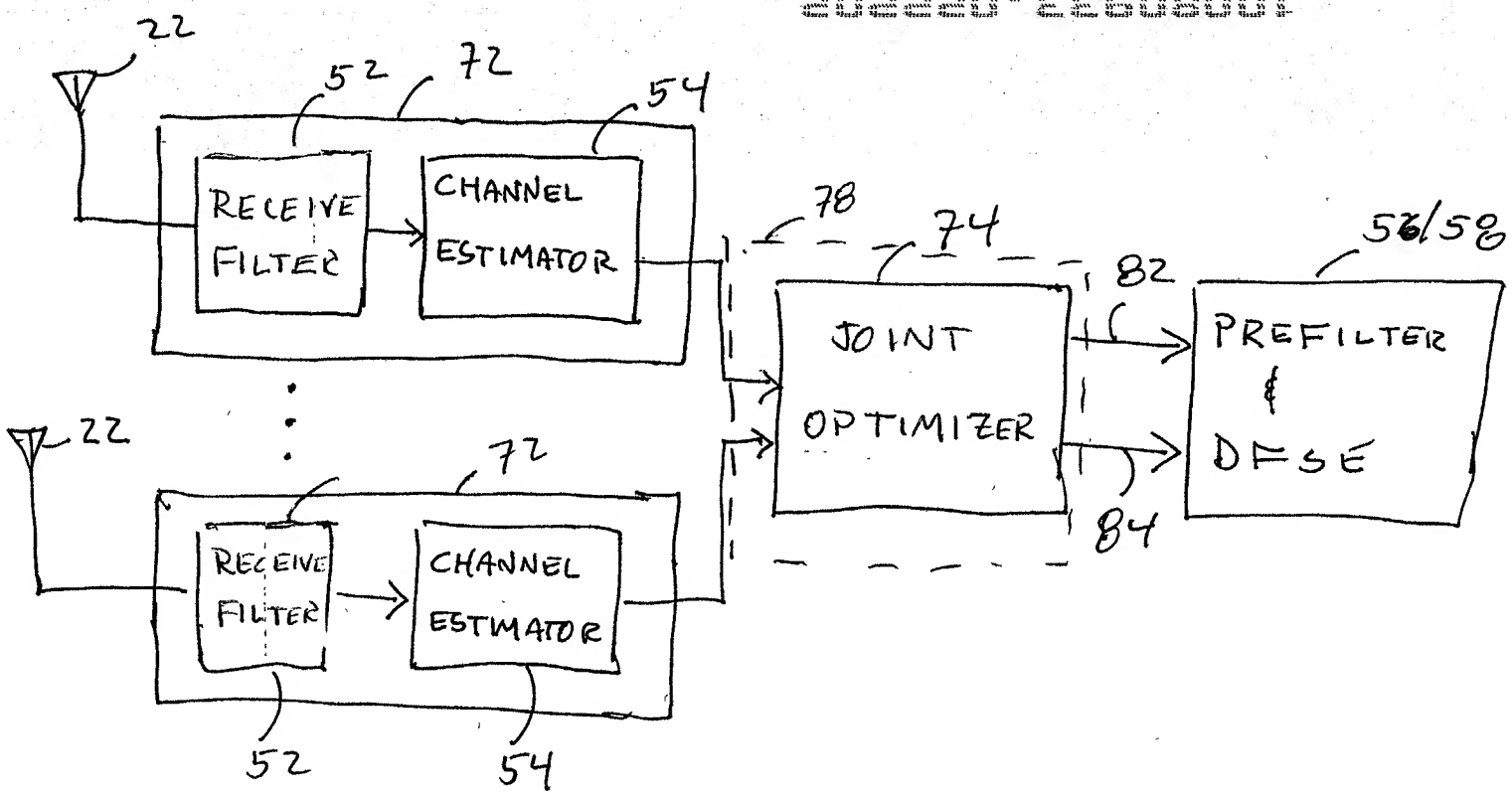
22
52
72
54
RECEIVE FILTER
CHANNEL ESTIMATOR
78
74
82
56/58
JOINT OPTIMIZER
PREFILTER & DFSE
22
72
RECEIVE FILTER
CHANNEL ESTMATOR
84
52
54

FIG. 2

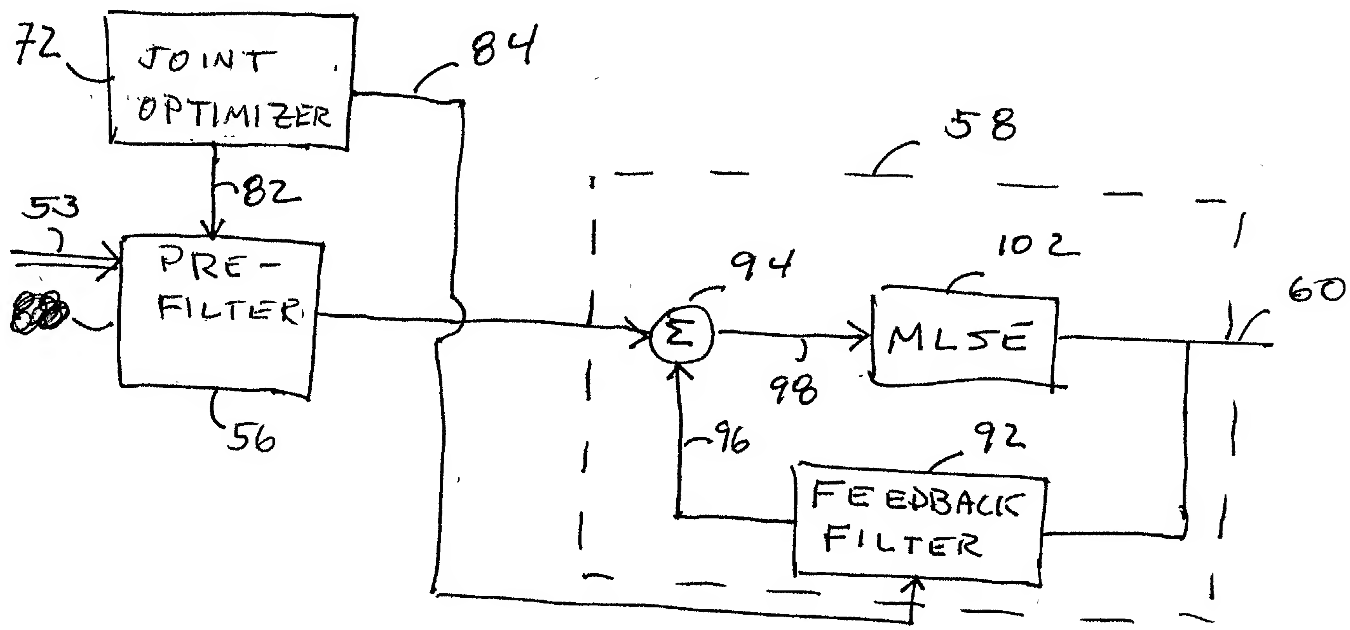
72
JOINT
OPTIMIZER
84
82
53
PRE-
FILTER
56
58
94
102
MLSE
60
98
96
92
FEEDBACK
FILTER

FIG. 3

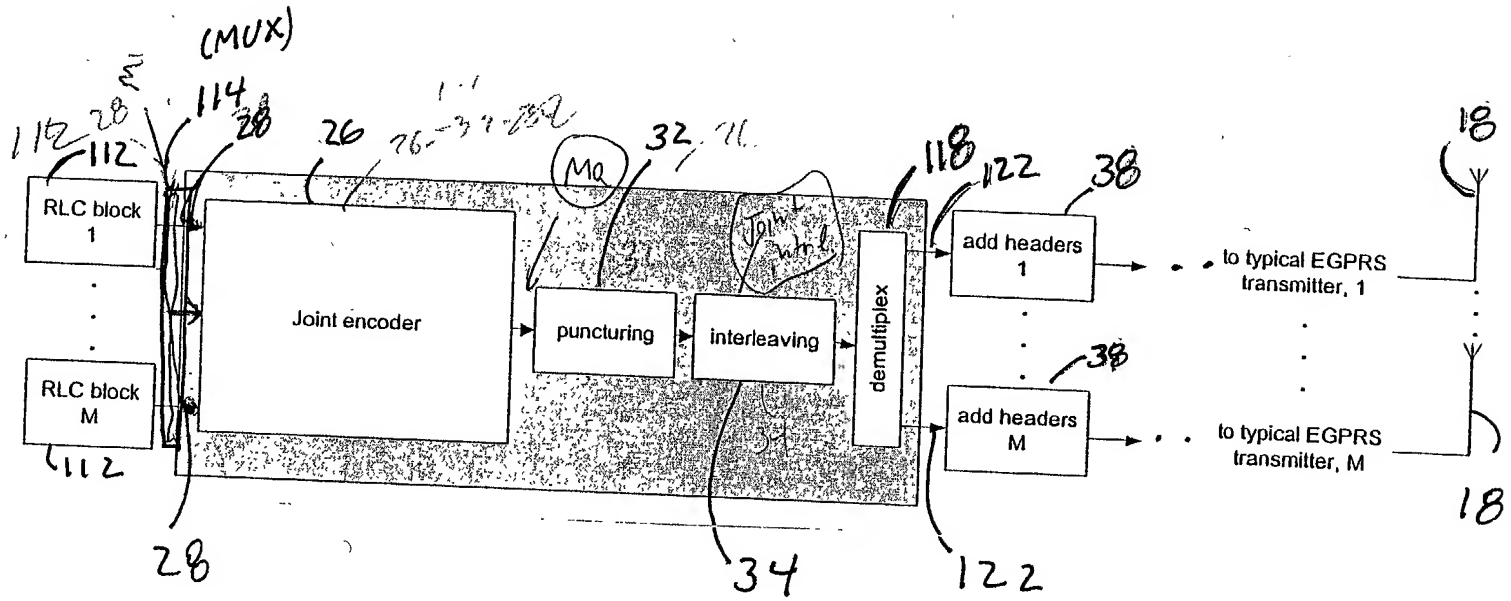

FIG. 4

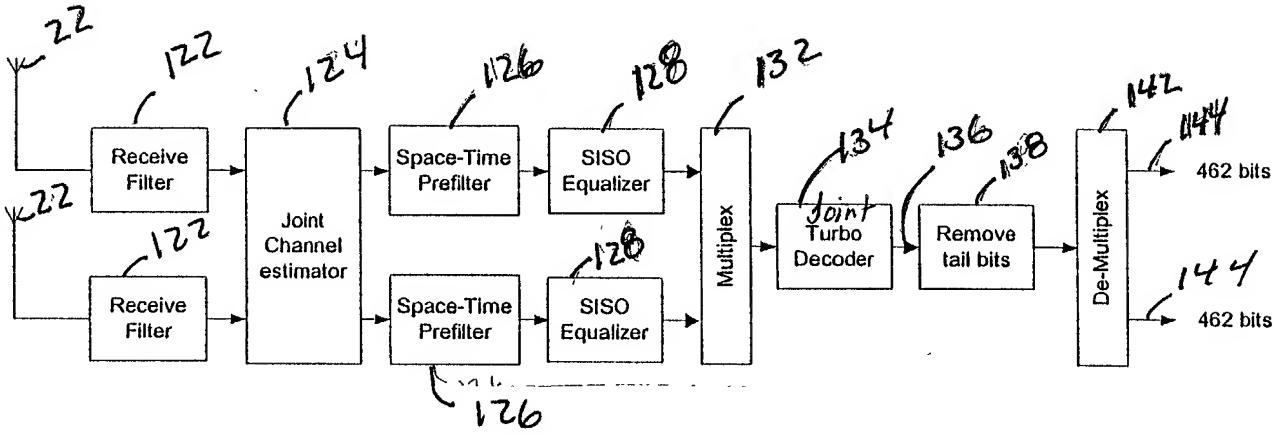

FIG. 5

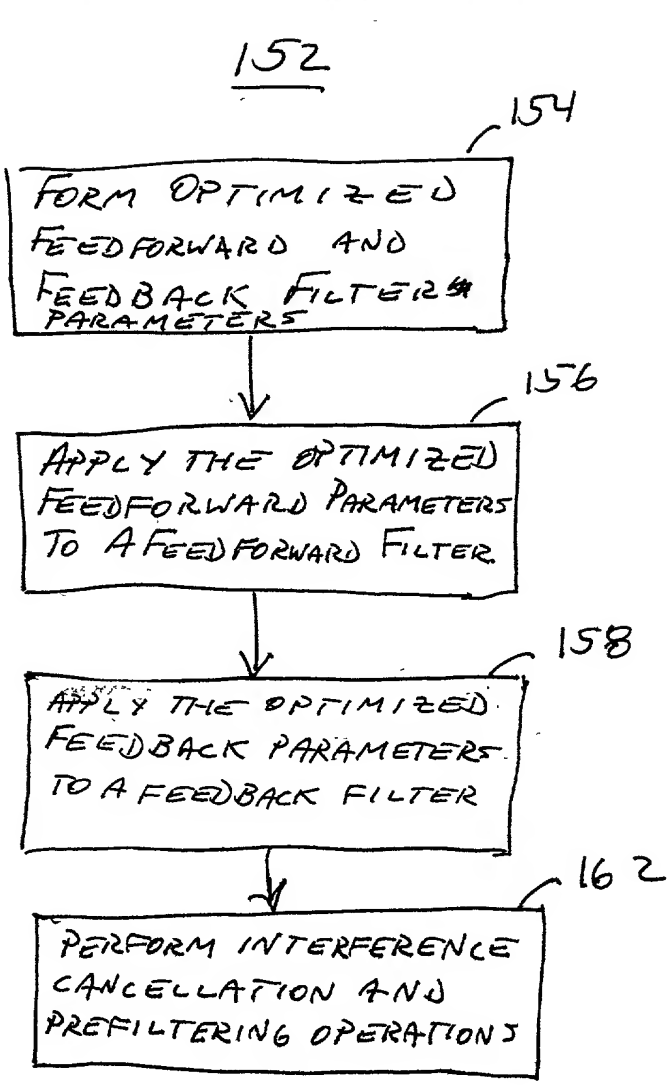
152
154
FORM OPTIMIZED FEEDFORWARD AND FEEDBACK FILTER PARAMETERS
156
APPLY THE OPTIMIZED FEEDFORWARD PARAMETERS TO A FEEDFORWARD FILTER
158
APPLY THE OPTIMIZED FEEDBACK PARAMETERS TO A FEEDBACK FILTER
162
PERFORM INTERFERENCE CANCELLATION AND PREFILTERING OPERATIONS

FIG. 6